

From: Sheldrake, Sean
To: ["BAYUK Dana"](#)
Bcc: [Lance Peterson \(PetersonLE@cdmsmith.com\)](mailto:PetersonLE@cdmsmith.com)
Subject: RE: field effort at Gasco
Date: Thursday, August 03, 2017 12:57:00 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image005.png](#)
[image007.png](#)
[image009.png](#)

Thanks very much Dana, that's exactly right, we'll have another opportunity to fill data gaps more comprehensively, later.

I hope you are staying cool as well and this BC fire smoke hasn't reached you!

S

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From: BAYUK Dana [mailto:dana.bayuk@state.or.us]
Sent: Thursday, August 03, 2017 12:38 PM
To: Sheldrake, Sean <sheldrake.sean@epa.gov>
Subject: RE: field effort at Gasco

Afternoon Sean...sounds like the empirical data is to preliminarily assess groundwater flux offshore to follow-up on our conclusions from reviewing the model. Looks like the scope includes flux and pore water samples, maybe using seepage meters(?).

If that's correct, I don't have a problem with work being done as long as NW Natural understands the data is being collected to support development of the more comprehensive approach for the data gaps effort.

Thanks for reaching out and hope you're staying cool (as opposed to being cool, which of course we both are).

Dana

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From: Sheldrake, Sean [<mailto:sheldrake.sean@epa.gov>]
Sent: Thursday, August 03, 2017 12:28 PM
To: BAYUK Dana
Cc: Scott Coffey; Lance Peterson (PetersonLE@cdmsmith.com)
Subject: field effort at Gasco

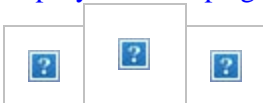
Dana, would you have any objections to a cursory level field effort at Gasco to collect empirical flow rate data offshore at the site (maybe just 6 locations)? I was going to make the TCT aware if you're ok with it. There would still be a follow on data gaps effort.

Let me know what you think.

S

(CDM, we're going to need to determine if the porewater samples comport with the POC draft, but otherwise SAPs I'm told will be used that were previously approved and should be ok—this will leave the HASP to verify with previous comments).

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